, TENT COOPERATION TREATE

From the INTERNATIONAL BUREAU **PCT NOTIFICATION OF ELECTION Assistant Commissioner for Patents** United States Patent and Trademark (PCT Rule 61.2) Office **Box PCT** Washington, D.C.20231 **ETATS-UNIS D'AMERIQUE** Date of mailing: in its capacity as elected Office 03 August 2000 (03.08.00) International application No.: Applicant's or agent's file reference: PCT/EP00/00689 UDG,002-PCT International filing date: Priority date: 27 January 2000 (27.01.00) 28 January 1999 (28.01.99) Applicant: BIENVENUT, Willy, Vincent et al 1. The designated Office is hereby notified of its election made: X in the demand filed with the International preliminary Examining Authority on: 20 June 2000 (20.06.00)

	in a notice effecting later election filed with the International Bureau on:
2.	The election X was
	made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer:

J. Zahra

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREAT

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

W

(PCT Article 36 and Rule 70)

Applicant's o	or agent's file reference		See Notification of Transmittal of International		
UDG,002	PCT	FOR FURTHER ACTION	Preliminary Examination Report (Form PCT/IPEA/41	16)	
International	application No.	International filing date (day/mont			
PCT/EP0	0/00689	27/01/2000	28/01/1999		
International G01N33/5	Patent Classification (IPC) or n 52	ational classification and IPC			
Applicant					
UNIVERS	SITE DE GENEVE et al.				
1. This ir and is	nternational preliminary exar transmitted to the applicant	nination report has been prepare according to Article 36.	ed by this International Preliminary Examining Au	ithority	
2. This F	EPORT consists of a total of	f 5 sheets, including this cover	sheet.	!	
b(This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of sheets.				
3. This r	eport contains indications re	lating to the following items:			
11	☐ Priority —		and the state of t		
	_		nventive step and industrial applicability		
V V	☐ Lack of unity of inven☒ Reasoned statement citations and explana		o novelty, inventive step or industrial applicability	' ;	
VI	☐ Certain documents of	ited			
VII	Certain defects in the				
VIII	☐ Certain observations	on the international application			
Date of sub	mission of the demand	Date o	of completion of this report		
20/06/20	00		3 0.08, 00		
	mailing address of the internation		orized officer	SOES MICH.	
	European Patent Office - P.B. NL-2280 HV Rijswijk - Pays E Tel. +31 70 340 - 2040 Tx: 3	as Hoek	kstra, S		
	Fax: +31 70 340 - 3016	Talasi	hone No. +21 70 240 2847	3040 · 303	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/00689

l.	Basis	of th	report
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1. This report has been drawn on the basis of (substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.):

	Description, pages:					
	1-31		as originally filed			
	Clai	ms, No.:				
	1-21	I	as originally filed			
	Dra	wings, sheets:				
	1/9-	9/9	as originally filed			
2.	The	amendments hav	re resulted in the cancellation of:			
		the description,	pages:			
		the claims,	Nos.:			
		the drawings,	sheets:			
3.		This report has b considered to go	een established as if (some of) the amendments had not been made, since they have been beyond the disclosure as filed (Rule 70.2(c)):			
4.	Add	litional observation	ns, if necessary:			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/00689

- V. Reasoned statement under Articl 35(2) with r gard to nov ity, inventiv step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N) Ye

Yes: Claims 1-21

No: Claims

Inventive step (IS)

Yes: Claims 1-21

No: Claims

Industrial applicability (IA) Yes: Claims 1-21

No: Claims

2. Citations and explanations

see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

Re Item V

Reasoned statement under Article 33(1)-(4) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement.

The present claims are considered to meet the requirements of Article 33(1) - (4) PCT.

The Closest prior art is DE4408034 which discloses a method for the mass-spectrometric (MALDI) analysis of 2-D gel electrophoretic protein samples involving transferring proteins, preferably via electroblotting, via a hydrophilic membrane (PVDF) to a matrix membrane suitable for MALDI analysis. In specific embodiments the proteins are enzymatically cleaved during the transfer of the proteins to the matrix (equivalent to the one-step digestion transfer (OSDT) in the prior art acknowledgement of the description).

The claimed invention (claims 10-21) differs in that it is limited to embodiments in which (proteolytic) cleavage of the sample proteins occurs for a first time in the gel and a second time on the hydrophilic membrane on which a second cleaving reagent is immobilised.

Present claim 10 appears to solve the underlying technical problem of providing an improved OSDT process known in the art by introducing a further digestion step. It could not be contemplated from the state of the art that the results, i.e. allowing analysis of strongly basic proteins and large MW proteins, could be obtained by introducing the second digestion step.

Claims 1-10 refer to kits limited to the presence of the two digestive reagents, one of which is immobilised to a hydrophilic membrane, and to the presence of the two membranes needed to perform the invention (one hydrophilic, one hydrophobic). These kits are needed to perform the invention and as such follow the fate of the method claims.

Re Item VII

Certain defects in the international application

INTERNATIONAL PRELIMINARY International application No. PCT/EP00/00689 EXAMINATION REPORT - SEPARATE SHEET

The description does not meet the requirements of Rule 5.1(a)(ii) PCT because it does not mention and briefly discuss DE4408034. Instead the application refers to unpublished documents (Page 2, lines 12-19; Cf. Preliminary Examination Guidelines, Chapter II, 4.17 and 4.17a).

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference UDG , 002-PCT	FOR FURTHER see Notification of (Form PCT/ISA/2	of Transmittal of International Search Report 220) as well as, where applicable, Item 5 below.						
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)						
PCT/EP 00/00689 27/01/2000 28/01/1999								
Applicant								
UNIVERSITE DE GENEVE et a	1.							
This International Search Report has bee according to Article 13. A copy is being to	n prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant						
This international Seurch Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document ched in this	s report.						
Basis of the report								
With regard to the language, the language in which it was filed, un	international search was carried out on the ba less otherwise indicated under this Item.	asis of the International application in the						
the International search v Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of	the international application furnished to this						
b. With regard to any nucleotide as was carried out on the basis of the	nd/or amino acid sequence disclosed in the i	nternational application, the international search						
	onal application in written form.							
	emational application in computer readable for	m.						
furnished subsequently to	furnished subsequently to this Authority in written form.							
🖳 ' '	o this Authority in computer readble form.							
the statement that the su	bsequently furnished written sequence listing as filed has been furnished.	does not go beyond the disclosure in the						
the statement that the Inf furnished	compation recorded in computer readable form	is identical to the written sequence listing has been						
2. Certain claims were for	and unsearchable (See Box I).							
3. Unity of invention is lac	cking (see Box II).							
4. With regard to the title,								
X the text is approved as a	ubmitted by the applicant.							
the text has been establi	the text has been established by this Authority to read as follows:							
5. With regard to the abstract,	wheelstad by the analysis							
the text has been establi	ubmitted by the applicant. shed, according to Rule 38.2(b), by this Autho se date of mailing of this international search re	rity as it appears in Box III. The applicant may, sport, submit comments to this Authority.						
4	olished with the abstract is Figure No.	1						
X as suggested by the app	licant.	None of the figures.						
because the applicant fa	iled to suggest a figure.	_						
because this figure bette	r characterizes the invention.							

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 00/00689

		101/21 00/00003
A. CLASSIF IPC 7	GO1N33/52 GO1N33/68	
According to	International Patent Classification (IPC) or to both national classificat	tion and IPC
B. FIELDS	SEARCHED	
Minimum doc IPC 7	currentation exarched (classification system followed by classification GO1N	n symbols)
	ion searched other than minimum documentation to the extent that su	
Electronic de	ata base consulted during the international search (name of data bas	se and, where practical, search terms used)
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of discurrent, with indication, where appropriate, of the raid	evant passages Relevant to claim No.
A	DE 44 08 034 C (BRUKER FRANZEN AN GMBH) 13 July 1995 (1995-07-13) abstract column 7, line 68 -column 8, line claims 5-12	
Furf	ther documents are listed in the continuation of box C.	Patent family members are fieled in annex.
* Special commons on silver of the same of the Date of the	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken elone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person sidiled in the art. "&" document member of the same patent family Date of mailing of the international search report	
1	12 May 2000	24/05/2000
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2230 HV Rijewijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hoekstra, S

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No PCT/EP 00/00689

on	Patent family member(s)		Publication data
1995 GB US	2287315 5595636	A,B A	13-09-1995 21-01-1997
		995 GB 2287315	995 GB 2287315 A,B

PATENT COOPERATION TREATY

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

Lucas, Brian R. **LUCAS & CO** 135 Westhall Road Warlingham Surrey CR6 9HJ **GRANDE BRETAGNE**

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY **EXAMINATION REPORT** (PCT Rule 71.1)

Date of mailing

(day/month/year)

3 0.08.00

Applicant's or agent's file reference

UDG.002-PCT

IMPORTANT NOTIFICATION

Priority date (day/month/year)

International application No. PCT/EP00/00689

International filing date (day/month/year) 27/01/2000

28/01/1999

Applicant.

UNIVERSITE DE GENEVE et al.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and turnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

Authorized officer

Cardenas, C

European Patent Office - P.B. 5818 Patentiaan 2 NL-2280 HV Rijawijk - Pays Bas

Tel. +31 70 340 - 2040 Tx: 31 651 epo ni

Fax: +31 70 340 - 3016

Tel.+31 70 340-3370



PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or	igent's file reference		See Notification of Transmittal of International	
UDG,002-PCT		FOR FURTHER ACTION	Prefiminary Examination Report (Form PCT/IPEA/416)	
International a	optication No.	International filing date (day/mont)	h/year) Priority date (day/month/year)	
PCT/EP00/	00689	27/01/2000	28/01/1999	
G01N33/52 Applicant UNIVERSIT	E DE GENEVE et al.	ational classification and IPC	ed by this International Preliminary Examining Authority	
and is tr 2. This RE ☐ This bee	PORT consists of a total of report is also accompanion amended and are the bit	according to Article 36. If 5 sheets, including this cover seed by ANNEXES, i.e. sheets of the	sheet. he description, claims and/or drawings which have containing rectifications made before this Authority	
3. This rep	ort contains indications re	lating to the following items:		
,	Basis of the report			
•	Priority			
111	-	opinion with regard to novelty, in	nventive step and industrial applicability	
Ĭ	Lack of unity of inven			
٧		under Article 35(2) with regard to tions suporting such statement	o novelty, inventive step or industrial applicability;	
٧I	Certain documents of	ited		
VII	Certain defects in the	international application		
VIII	☐ Certain observations	on the international application		
Date of submi	ssion of the demand	Date of	f completion of this report 3 0.08.00	
prefiminary ex	illing address of the international amining authority: European Patent Office - P.B. IL-2280 HV Rijswijk - Pays B Fel. +31 70 340 - 2040 Tx: 31 Fax: +31 70 340 - 3018	5818 Patentlaan 2 as Hoek: 651 epo ni	estra, S	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/00689

 Basis of the repor 	t
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1.	105	This report has been drawn on the basis of (substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.):					
	D s	scription, pages:					
	1-3	1	as originally filed				
	Cla	ims, No.:					
	1-2	1	as originally filed				
	Dra	wings, sheets:					
	1/9-	9/9	as originally filed				
2.	The	amendments have	e resulted in the cancellation of:				
		the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				
3.		This report has be considered to go t	en established as if (some of) the amendments had not been made, since they have been beyond the disclosure as filed (Rule 70.2(c)):				
4.	Add	litional observation:	s, if necessary:				

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/00689

- V. R asoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes:

Claims 1-21

No:

Claims

Inventive step (IS)

Yes: Claims 1-21

No:

Claims

Industrial applicability (IA)

Yes:

Claims 1-21

No: Claims

2. Citations and explanations

see separate sheet

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The following detects in the form or contents of the international application have been noted:

se separate sheet

EXAMINATION REPORT - SEPARATE SHEET

R Item V

Reasoned statement under Article 33(1)-(4) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement.

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Present claim 10 appears to solve the underlying technical problem of providing an improved OSDT process known in the art by introducing a further digestion step. It could not be contemplated from the state of the art that the results, i.e. allowing analysis of strongly basic proteins and large MW proteins, could be obtained by introducing the second digestion step.

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Certain defects in the international application

INTERNATIONAL PRELIMINARY International application No. PCT/EP00/00689 EXAMINATION REPORT - SEPARATE SHEET

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WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7:		(11) International Publication Number:	WO 00/45168
G01N 33/52, 33/68	A1	(43) International Publication Date:	3 August 2000 (03.08.00)

(21) International Application Number: PCT/EP00/00689

(22) International Filing Date: 27 January 2000 (27.01.00)

(30) Priority Data:

9901775.8 28 January 1999 (28.01.99) GB 9907790.1 7 April 1999 (07.04.99) GB

(71) Applicant (for all designated States except US): UNIVERSITE DE GENEVE [CH/CH]; Rue General-Dufour 24, Case Postale, CH-1211 Geneva (CH).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): BIENVENUT, Willy, Vincent [FR/FR]; 4 Route Des Mauds, F-17460 Thénac (FR). HOCHSTRASSER, Denis, Francois [CH/CH]; Chemin de la Savonnière, Collonge-Bellerive, CH-1245 Geneva (CH). SANCHEZ, Jean-Charles [CH/CH]; Chemin Frank-Thomas 42, CH-1208 Geneva (CH).
- (74) Agent: LUCAS, Brian, Ronald; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).

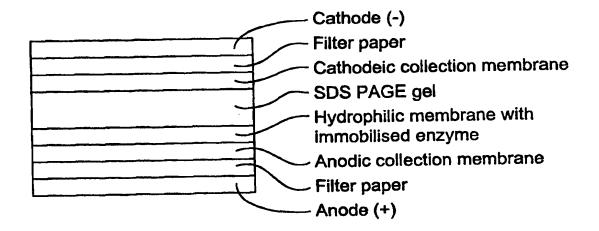
(81) Designated States: AU, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, DT, SE)

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: METHOD AND KIT FOR IDENTIFYING OR CHARACTERISING POLYPEPTIDES



(57) Abstract

Polypeptides which have been separated by gel electrophoresis can be identified or characterised by a procedure which has two main stages. In the first stage the gel is digested with a polypeptide-cleaving agent such as an enzyme. This produces mainly large fragments which, in the second stage are electroblotted through a hydrophilic membrane on which is immobilised another polypeptide-cleaving reagent such as an enzyme onto a hydrophobic member, typically a membrane, e.g. of PVDF. The resulting fragments, usually peptides, are identified, preferably by MALDI-TOF MS, or a property may be determined, e.g. by interaction with an antibody.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

	AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
	AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
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	AZ	Azerbaijan	GB	United Kingdom	MC	Моласо	TD	Chad
	BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
	вв	Barbados	GH	Ghana	MG	Madagascar	ТJ	Tajikistan
	BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Turkmenistan
	BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkey
	BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
	ВJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
	BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
i	BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
	CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
	CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
	CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
1	СН	Switzerland	KG	Kyrgyzstan	NO	Norway	zw	Zimbabwe
	CI	Côte d'Ivoire	KP	Democratic People's	NZ	New Zealand		
	CM	Cameroon		Republic of Korea	PL	Poland		
Į	CN	China	KR	Republic of Korea	PT	Portugal		
ĺ	CU	Cuba	KZ	Kazakstan	RO	Romania		
ı	CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
l	DE	Germany	LI	Liechtenstein	SD	Sudan		
	DK	Denmark	LK	Sri Lanka	SE	Sweden		
1	EE	Estonia	LR	Liberia	SG	Singapore		

INTERNATIONAL SEARCH REPORT

Inte ional Application No PCT/EP 00/00689

A. CLASSIF IPC 7	FICATION OF SUBJECT MATTER G01N33/52 G01N33/68					
According to	International Patent Classification (IPC) or to both national classificati	on and IPC				
	SEARCHED					
	cumentation searched (classification system followed by classification	symbols)				
IPC 7	GO1N					
Documentati	ion searched other than minimum documentation to the extent that su	ch documents are included in the fields sea	arched			
Electronic da	ata base consulted during the international search (name of data base	and, where practical, search terms used)	· · · · · · · · · · · · · · · · · · ·			
Clectionic d						
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.			
A	DE 44 08 034 C (BRUKER FRANZEN AN GMBH) 13 July 1995 (1995-07-13) abstract column 7, line 68 -column 8, line		1-21			
	claims 5-12	3				
]						
ļ						
		Salas (amily mambam are listed	Lin annov			
Fur	ther documents are listed in the continuation of box C.	X Patent family members are listed	THE ATTIES.			
"A" docum	eategories of cited documents: nent defining the general state of the art which is not	"T" later document published after the into or priority date and not in conflict with cited to understand the principle or the	n the application but			
"E" earlier	idered to be of particular relevance r document but published on or after the international	invention "X" document of particular relevance; the cannot be considered novel or cannot.	claimed invention			
which	nent which may throw doubts on priority claim(s) or h is cited to establish the publication date of another	involve an inventive step when the di "Y" document of particular relevance; the	ocument is taken alone claimed invention			
"O" docum	on or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or	cannot be considered to involve an in document is combined with one or ments, such combination being obvious	nventive step when the sore other such docu-			
"P" docum	other means P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family					
	e actual completion of the international search	Date of mailing of the international se	earch report			
	12 May 2000	24/05/2000				
Name and	d mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer				
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Hoekstra, S				

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INTERNATIONAL SEARCH REPORT

information on patent family members

Inte .ional Application No
PCT/EP 00/00689

	Information on patent family members		ļ	PCT/EP 00/00689		
Patent document P cited in search report		Publication date	Publication Patent fam date member(s			Publication date
DE 4408034	С	13-07-1995	GB US	22873 55956	15 A,B 36 A	13-09-1995 21-01-1997
						·

.'ATENT COOPERATION TREATY



PCT

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

LUCAS, Brian, Ronald Lucas & Co. 135 Westhall Road Warlingham, Surrey CR6 9HJ ROYAUME-UNI

	·
II.	MPORTANT NOTICE
ling date (day/month/year) ary 2000 (27.01.00)	Priority date (day/month/year) 28 January 1999 (28.01.99)
	ling date (day/month/year)

Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:
AU,JP,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

Dionin

ΕP

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 03 August 2000 (03.08.00) under No. WO 00/45168

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

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PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

INFORMATION CONCERNING ELECTED OFFICES NOTIFIED OF THEIR ELECTION

(PCT Rule 61.3)

LUCAS, Brian, Ronald Lucas & Co. 135 Westhall Road Warlingham, Surrey CR6 9HJ ROYAUME-UNI

Date of mailing (day/month/year)

03 August 2000 (03.08.00)

Applicant's or agent's file reference UDG,002-PCT

IMPORTANT INFORMATION

International application No. PCT/EP00/00689

International filing date (day/month/year) 27 January 2000 (27.01.00)

Priority date (day/month/year)
28 January 1999 (28.01.99)

Applicant

UNIVERSITE DE GENEVE et al

1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

EP:AT,BE,CH,CY,DE,DK,ES,FI,FR,GB,GR,IE,IT,LU,MC,NL,PT,SE

National : AU, JP, US

2. The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:

None

3. The applicant is reminded that he must enter the "national phase" before the expiration of 30 months from the priority date before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 39(1)(a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(3)(b) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and the acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

The entry into the European regional phase is postponed until 31 months from the priority date for all States designated for the purposes of obtaining a European patent.

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